Priority Species of Sagebrush Ecosystems in the Western U. S.

U. S. Bureau of Land Management 5 November 1999

Objective of this Document

The objective of this document is to provide an accurate and comprehensive list of priority species that are closely tied to sagebrush vegetation types or, in the case of aquatic species, are highly dependent on watersheds in sagebrush vegetation types in the western U. S. We consider sagebrush ecosystems to be all *Artemisia* types in the West, with the exception of coastal sage scrub and sand sage in the Great Plains. This list is formatted to facilitate review by BLM states. A list in database format that can quickly be sorted in various ways is in preparation.

Vegetation Classification System

We will use the sagebrush types classified in the following formations of the Federal Geographic Data Committee Vegetation Standards: *microphyllus* evergreen shrubland, temperate cold-deciduous shrubland and dwarf-shrubland. The FGDC standards are for vegetation classification only and do not include a spatial component. See www.nbs.gov/fgdc.veg/data standards.

GIS Map Base

As of the date of this draft, the best GIS map base for this and related projects is still being discussed.

Sources of Current Lists

I have assembled the following lists from BLM special status species lists from BLM state offices, priority species lists from the Interior Columbia Basin Ecosystem Management Project and the "Conservation Target" list from The Nature Conservancy's Columbia Plateau Bioregional Plan. For birds, the Partners in Flight Western Working Group lists for sagebrush steppe and montane shrub (1998) were used. Additional sources of information include the Western Bat Working Group's Regional Priority Matrix (1998), the GAP Analysis of Washington State (1997) and basic reference books for particular taxa. The bird list is the most complete and most thoroughly reviewed by agencies, NGO's and academic experts.

Send any comments to Terry Rich, WO-230 (208-373-4043, terry_rich@blm.gov). [Currently 208-867-5112, solutionsforbirdconservation@gmail.com]

Matrix Codes for Birds

ca - Conservation action needed now.

- m Continue monitoring using current programs.
- r Research is needed on some key aspect of species' ecology or demography.
- s Stable in state.
- li Local interest only.
- p Species is peripheral in state.
- x Species doesn't occur in state.
- e Species has been extirpated from state.
- k More knowledge is needed before a category can be assigned.
- ? Further review needed by state Partners In Flight Working Group.
- > species is peripheral in state; best to pursue conservation in other states
- st listed as threatened by the state wildlife agency
- sc candidate for listing as threatened or endangered by the state wildlife agency
- ar considered by BLM to be at risk of further population declines due to human activities
- sss listed as a special status species by BLM

Matrix Codes for All Other Taxa

- CRB priority species in the Interior Columbia Basin Ecosystem Management Project
- TNC "Conservation Target" species in The Nature Conservancy's Columbia Plateau Bioregional Plan
- E federal endangered
- T federal threatened
- sss listed as a special status species by BLM
- ss state sensitive
- se state endangered
- st state threatened
- sc candidate for listing as threatened or endangered by the state wildlife agency
- ar considered by BLM to be at risk of further population declines due to human activities

BIRDS - Sagebrush Steppe

SPECIES	SCIENTIFIC NAME	WA	BC	OR	CA	NV	ID	UT	WY	MT	СО	NM
Brewer's Sparrow	Spizella breweri	m/ar	ca	m	m	r	ca/sss	m/ca	ca/m/r	m	ca	li
Sage Thrasher	Oreoscoptes montanus	m/sc/ar	ca	m/sss	m	r	ca	m	m/r	li	r	ca
Sage Sparrow	Amphispiza belli	ca/sc/ar	X	ca/sss	m	r	ca/sss	ca	ca/m	p	p	ca
Sage Grouse - western	Centrocercus urophasianus	ca/st/ar	e	ca/sss	ca	ca	ca/sss	ca	ca/m/r	ca	ca/sss	e
Scaled Quail	Callipepla squamata	X	X	X	?	?	X	?	X	X	X	ca
Sage Grouse - Gunnison	Centrocercus urophasianus	Х	X	X	X	X	X	ca	X	X	r/ca/sss	X
Black-throated Sparrow	Amphispiza bilineata	m/s/ar	X	m/sss	p	S	p	m	X	x?	p	ca
Loggerhead Shrike	Lanius ludovicianus	ca/sc/ar	ca	ca/sss	m	s	ca/sss	m	m	ca	m	ca
Ferruginous Hawk	Buteo regalis	ca/st/ar	?	ca/sss	X	m	ca/sss	ca	ca/m	m	m/p	k
Burrowing Owl	Speotyto cunicularia	ca/sc/ar	ca	ca/sss	p/m	ca	ca/sss	ca	ca/m	s?	x/k	ca
Gray Flycathcher	Empidonax wrightii	k	k	k/sss	k	k	ca/sss	ca	m	?	X	>
Lark Sparrow	Chondestes grammacus	ca	k	k	s	k	m	s	m	li	r	>
Vesper Sparrow	Pooecetes gramineus	s	m	m/sss	m	s	s/m	s	m/r	?	ca	>
Western Meadowlark	Sturnella neglecta	m	s	m	m	s	m	s	S	?	s	>
Lark Bunting	Calamospiza melanocorys	Х	X	X	X	X	p	X	m	ca	S	>

Grasshopper Sparrow	Ammodramus savannarum	m	p	m/sss	x/p	k?	m	m	m	?	m	>

BIRDS - Montane Shrub

CDECIEC	CCIENTIEIC NAME	OD	NV	ID	WA	NM	LIT	WY	A 7	MT	CA	\bigcap
SPECIES	SCIENTIFIC NAME	OR	INV	עון	WA	INIVI	UT	WI	AZ	IVI I	CA	СО
Scott's Oriole	Icterus parisorum	X	X	X	X	li	?	>	p	X	X	>
Virginia's Warbler	Vermivora virginiae	X	k	x/sss	X	?	?	li	S	X	X	r/s
Orange-crowned Warbler	Vermivora celata	s/m	m/k	S	?	?	?	>	X	S	S	S
Dusky Flycatcher	Empidonax oberholseri	>	>	>	>	>	>	m	S	>	>	ca
Gray Flycatcher	Empidonax wrightii	m	r	X	m	?	?	X	X	?	?	X
Black-chinned Sparrow	Spizella atrogularis	X	k	X	X	?	X	X	S	X	>	X
MacGillivray's Warbler	Oporornis tolmiei	X	m	m/sss	X	X	?	m	X	m	m	m
Black-throated Gray Warbler	Dendroica nigrescens	p	k	x/sss	>	?	?	li	S	Х	>	>
Poor Will	Phalaenoptilus nuttallii	m	k	m	m	?	?	li	k	li/k	k	m
Costa's Hummingbird	Calypte costae	X	k	X	X	X	X	X	X	X	m	X
Calliope Hummingbird	Stellula calliope	X	m	>/sss	X	X	?	m/r	X	li	li/m	X
Rufous Hummingbird	Selasphorus rufus	m	X	s/sss	m	X	X	X	X	X	X	X
Lazuli Bunting	Passerina amoena	S	>	ca	s	?	?	li/m	>	li	>	>
Sharp-tailed Grouse	Tympanuchus	ca/sss	x/ca	ca/sss	ca/st/ar	X	ca	li/m	X	S	e	ca/sss

	phasianellus											
Green-tailed Towhee	Pipilo chlorurus	m/sss	s	m/sss	m	>	?	s	^	li	m	r

MAMMALS

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
pygmy rabbit	Brachylagus idahoensis	X	X	SSS		SSS	sss/se			SSS		SSS		
sagebrush vole	Lemmiscus curtatus	X	X	SSS			ar							
swift fox	Vulpes velox							SSS		SSS				
kit fox	Vulpes macrotis	X		SSS		SSS								
pronghorn	Antilocapra americana	X												
pygmy shrew	Sorex hoyi									SSS				
Preble's shrew	Sorex preblei	X	X	SSS	SSS					SSS		SSS		
rock squirrel	Spermophilus variegatus					SSS								
white-tailed antelope squirrel	Ammospermophilus leucurus	X		SSS										
Washington ground squirrel	Spermophilus washingtoni	X	X	SSS			sc/sss							
Wyoming ground squirrel	Spermophilus elegans	X		SSS					SSS					
Richardson's ground squirrel	Spermophilus richardsonii													
Idaho ground squirrel	Spermophilus brunneus	X	X			SSS								
cliff chipmunk	Tamias dorsalis									SSS				

spotted bat	Euderma maculatum	X	X	SSS	SSS	SSS		SSS	SSS	SSS	SSS	SSS
western small-footed myotis	Myotis ciliolabrum	X						SSS		SSS		
long-eared myotis	Myotis evotis	X			SSS			SSS		SSS		
fringed myotis	Myotis thysanodes	X			SSS			SSS	SSS	SSS		
long-legged myotis	Myotis volans	X			SSS			SSS		SSS		
Yuma myotis	Myotis yumanensis	X			SSS			SSS				
big brown bat	Eptesicus fuscus									SSS		
little brown myotis	Myotis lucifugus									SSS		
pallid bat	Antrozous pallidus	X	X							SSS		
western red bat	Lasiurus blossevillii								SSS			
Townsend's big-eared bat	Corynorhinus townsendii	X	X		SSS	SSS		SSS	SSS	SSS		
big free-tailed bat	Nyctinomops macrotis (=Tadarida m., T. molossa)				SSS			SSS	SSS			
northern water shrew	Sorex palustris	X										
Merriam's kangaroo rat	Dipodomys merriami								SSS			
chisel-toothed kangaroo rat	Dipodomys microps								SSS			
Ord's kangaroo rat	Dipodomys ordii			SSS								
Merriam's shrew	Sorex merriami		X				sc					
canyon mouse	Peromyscus crinitus									SSS		
pinyon mouse	Peromyscus truei									SSS		

black-tailed jackrabbit	Lepus californicus						ar							
white-tailed jackrabbit	Lepus townsendii						ar							
Townsend's ground squirrel	Spermophilus townsendii						ar							
SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
least chipmunk	Tamias minimus						ar							
Cebolleta southern pocket gopher	Thomomys umbrinus paquatae							SSS						
California bighorn sheep	Ovis canadensis californiana		X			SSS								
dark kangaroo mouse	Microdipodops megacephalus					SSS								
little pocket mouse	Perognathus longimembris					SSS								
northern grasshopper mouse	Onychomys leucogaster		X											
greater western mastiff bat	Eumops perotis californicus					SSS								
Allen's big-eared bat	Idionycteris phyllotis (=Plecotus p.)					SSS								
California leaf-nosed bat	Macrotus californicus					SSS								
small-footed myotis	Myotis ciliolabrum					SSS								
cave myotis	Myotis velifer					SSS								
Fish Spring pocket gopher	Thomomys umbrinus abstrusus					SSS								
San Antonio pocket gopher	Thomomys umbrinus curtatus					SSS								

REPTILES

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	CO
Mojave black-collared lizard	Crotaphytus bicinctores	X	X	SSS		SSS								SSS
longnose leopard lizard	Gambelia wislizenii	X	X											SSS
striped whipsnake	Masticophis taeniatus	X	X	SSS			ar							
longnose snake	Rhinocheilus lecontei	X	X			SSS								SSS
ground snake	Sonora semiannulata	X	X	SSS		SSS								SSS
desert spiny lizard	Sceloporus magister													SSS
common kingsnake	Lampropeltis getulus			SSS										SSS
Utah milk snake	Lampropeltis triangulum taylori													SSS
massasauga	Sistrurus catenatus													SSS
midget faded rattlesnake	Crotalus viridis concolor													SSS
Texas horned lizard	Phrynosoma cornutum							SSS						SSS
common garter snake	Thamnophis sirtalis	X												
desert collared lizard	Crotaphytus insularis			sss										
desert horned lizard	Phynosoma platyrhinos			sss										
short-horned lizard	Phrynosoma douglasi		X				ar							
sagebrush lizard	Sceloporus graciosus			_			ar						_	

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
side-blotched lizard	Uta stansburiana						ar							
night snake	Hypsiglena torquata						ar							

FISH

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
westslope cutthroat trout	Oncorhynchus clarki lewisi		X	SSS								SSS		
Shoshone sculpin	Cottus greenei	X	X			SSS								
inland Columbia redband trout	Oncorhynchus mykiss gibbsi		X			SSS								
leatherside chub	Gila copei	X	X			SSS								
roundtail chub	Gila robusta							SSS						sss
flannelmouth sucker	Catostomus latipinnis				sss									sss
mountain sucker	Catostomus platyrhynchus													sss
Lahontan cutthroat trout	Oncorhynchus clarki henshawi	X	X	SSS	Т				SSS					
chinook salmon, mid- Columbia River runs	Oncorhynchus tshawytscha		х	SSS										
fall chinook salmon,	Oncorhynchus tshawytscha		X	Т										

Snake River runs														
sockeye salmon, Snake River runs	Oncorhynchus nerka			Е										
spring-summer chinnok salmon, Snake River runs	Oncorhynchus tshawytscha		X	Т										
steelhead	Oncorhynchus mykiss mykiss		X	SSS										
SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
Warner Valley redband trout	Oncorhynchus mykiss ssp. 4		X	SSS										
Alvord chub	Gila alvordensis	X	x	SSS										
Alvord cutthroat trout	Oncorhynchus clarki ssp. 3			SSS										
Sheldon tui chub	Gila bicolor eurysoma	X	X	SSS										
shortnose sucker	Chasmistes brevirostris			SSS										
slender sculpin	Cottus tenuis			SSS										
Summer Basin tui chub	Gila bicolor ssp. 3	X	X	SSS										
Warner Basin tui chub	Gila bicolor ssp		X	sss										
Warner sucker	Catostomus warnerensis	X	x	sss	Т									
Klamath largescale sucker	Catostomus snyderi			SSS										
Lahontan redside				sss										

	Richardsonius egregius													
Lost River sucker	Deltistes luxatus	X		SSS										
Malheur mottled sculpin	Cottus bairdi ssp	X	X	SSS										
Miller Lake lamprey	Lampetra minima			SSS										
mountain sucker	Catostomus platyrhynchus		X	SSS										
Pit roach	Lavinia symmetricus mitrulus	X	x	SSS										
Pit sculpin	Cottus pitensis	X	X	SSS										
SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
Borax Lake chub	Gila boraxobius	X	X	SSS										
bull trout	Salvelinus confluentus		X	SSS	SSS									
Catlow tui chub	Gila bicolor ssp. 2	X	X	SSS										
Catlow Valley redband trout	Oncorhynchus mykiss ssp. 3		х	SSS										
Foskett Spring speckled dace	Rhinichthys osculus ssp	X	Х	T										
Goose Lake redband trout	Oncorhynchus mykiss ssp. 1		Х	SSS										
Goose Lake sucker	Catostomus occidentalis lacusanserinus	X	x	SSS										
Goose Lake tui chub	Gila bicolor thalassina			SSS										

Hutton Springs tui chub	Gila bicolor ssp. 1	X	X	SSS						
Jenny Creek redband trout	Oncorhynchus mykiss			SSS						
Jenny Creek sucker	Catostomus rimiculus ssp			SSS						
Klamath Lake sculpin	Cottus priceps			SSS						
white sturgeon	Acipenser transmontanus	x	X							
longnose sucker	Catostomus catostomus		X							
Wood River sucker	Catostomus columbianus hubbsi	x	X							
Wall Canyon sucker	Catostomus sp 1		X		SSS					
Tahoe sucker	Catostomus tahoensis		X							
Paiute sculpin	Cottus beldingi		X							
slimy sculpin	Cottus cognatus		X							
Wood River sculpin	Cottus leiopomus	x	X							
margined sculpin	Cottus marginatus	x	X							
desert dace	Eremichthys acros		X							
Oregon Lakes tui chub	Gila bicolor oregonensis	x	X							
Pacific lamprey	Lampetra tridentata	X	X							_
Goose Lake lamprey	Lampetra tridentata ssp	X	X							

Yellowstone cutthroat trout	Oncorhynchus clarki bouvieri		X						
coho/silver salmon	Oncorhynchus kisutch	X	X						
sockeye/kokanee salmon	Oncorhynchus nerka	X	X						
sand roller	Percopsis transmontana	X	X						
Klamath River lamprey	Lampetra similis	X							
river lamprey	Lampetra ayresi	X							
Pit-Klamath brook lamprey	Lampetra lethophaga	X							
chum salmon	Oncorhynchus keta	X							
coastal cutthroat trout	Oncorhynchus clarkii clarkii	X							
pygmy whitefish	Prosopium coulteri	X							
burbot	Lota Iota	X							
shortnose sucker	Chasmistes brevirostris	X							
Klamath largescale sucker	Catostomus snyderi	х							
torrent sculpin	Cottus rhotheus	X							
shorthead sculpin	Cottus confusus	X							
slender sculpin	Cottus tenuis	Х							

cui-ui	Chasmistes cujus	Т					
White River springfish	Crenichthys baileyi baileyi	Е					1
Hike White River springfish	Crenichthys baileyi grandis	Е					
Railroad Valley springfish	Crenichthys nevadae	Т					
bonytail chub	Gila elegans	E					ı
Pahranagat rountail chub	Gila robusta jordani	Е					
Virgin River chub	Gila robusta seminuda	Е					ı
White River spinedace	Lepidomeda albivallis	Е					
Big Spring spinedace	Lepidomeda mollispinis pratensis	Т					
Moapa dace	Moapa coriacea	E					
woundfin	Plagopterus argentissimus	Е					
Independence Valley dace	Rhinichthys osculus lethoporus	Е					
Nevada speckled dace	Rhinichthys osculus nevadensis	E					
Clover Valley speckled dace	Rhinichthys osculus oligoporus	Е					
razorback sucker	Xyrauchen texanus	Е					
White River desert	Catostomus clarki intermedius	sss					

sucker								
Sucker								
Meadow Valley Wash desert sucker	Catostomus clarki ssp.		SSS					
Preston White River springfish	Crenichthys baileyi albivallis		SSS					
Fish Creek Springs tui chub	Gila bicolor euchila		SSS					
Newark Valley tui chub	Gila bicolor newarkensis		SSS					
Big Smoky Valley tui chub	Gila bicolor ssp.		SSS					
Fish Lake Valley tui chub	Gila bicolor ssp.		SSS					
Virgin River spinedace	Lepidomeda mollispinis mollispinis		SSS					
relict dace	Relictus solitarius		SSS					
Big Smoky Valley speckled dace	Rhinichthys osculus lariversi		SSS					
Moapa speckled dace	Rhinichthys osculus moapae		SSS					
Pahranagat speckled dace	Rhinichthys osculus velifer		SSS					
Monitor Valley speckled dace	Rhinichthys osculus ssp.		SSS					
Mormon White River springfish	Crenichthys baileyi thermophilus		SSS					

Hot Creek Valley tui chub	Gila bicolor ssp.		SSS					
Independence Valley tui chub	Gila bicolor isolata		SSS					
Bonneville cutthroat trout	Oncorhyncus clarki utah		SSS					
interior redband trout	Oncorhyncus mykiss gibbsi		SSS					
Meadow Valley Wash speckled dace	Rhinichthys osculus ssp.		SSS					
Oasis Valley speckled dace	Rhinichthys osculus ssp		SSS					

AMPHIBIANS

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	W Y	A Z	MT	CA	СО
Great Basin spadefoot	Scaphiopus intermountanus													SSS
northern leopard frog	Rana pipiens	X	X	SSS										
tiger salamander	Ambystoma tigrinum			SSS										

INVERTEBRATES

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
Roadside skipper	Amblyscirtes vialis		X											
Malheur isopod	Amerigoniscus malheurensis		X											
California floater	Anodonta californienses		X											
Malheur pseudoscorpion	Apochthonius malheuri		X	SSS										
Silver bordered bog fritillary	Boloria selene atrocostalis		X											
Lake tahoe benthic stonefly	Capnia lacustra		X											
Idaho dunes tiger beetle	Cicindela arenicola		X											
Mission creek oregonian	Cryptomastix magnidentata		X											
Mattoni's blue	Euphilotes rita mattonii		X											
Mono checkerspot	Euphydryas editha monoensis		X											
Eastern-tailed blue	Everes comyntas comyntas		X											
Shortface lanx (=giant columbia river limpet)	Fisherola nuttalli		X											
Columbia pebblesnail	Fluminicola columbiana		X											

Unnamed ant	Formica microphthalma		X											
SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
Blind cave leiodid beetle	Glacicavicola bathyscioides		x											
Bulb juga (snail)	Juga bulbosa		X											
Deshutes juga (snail)	Juga hemphilli maupinensis		X											
A flatworm (planarian)	Kenkia rhynchida		X											
Banbury springs limpet	Lanx sp 1		X											
Oregon snail (dalles sideband)	Monadenia fidelis minor		x											
Unnamed ant	Myrmecocystus arenarius		X											
Deschutes ochrotrichian micro caddisfly	Ochrotrichia phenosa		X											
Dalles mountain snail	Oreohelix variabilis		X											
Aquatic moth	Petrophila confusalis		X											
Snake river physa	Physa natricina		X											
Montane peaclam	Pisidium ultramontanum		X											
Borax lake ramshorn (snail)	Planorbella oregonensis		х	SSS										
Denio sandhill skipper	Polites sabuleti sinemaculata		X											

Pristine springsnail	Pristinicola hemphilli		X											
Harney Lake springsnail	Pyrgulopsis hendersoni		X	SSS										
SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
Crooked creek springsnail	Pyrgulopsis intermedia		X	SSS										
Bruneau hot springsnail	Pyrgulopsis bruneauensis		X											
Pyramid lake pebblesnail	Pyrgulopsis nevadensis		X											
Formation springsnail	Pyrgulopsis sp 1		x											
Idaho springsnail	Pyrgulopsis idahoensis		x											
Sylvan hairstreak	Satyrium sylvinum sylvinum		x											
Atlantis fritillary	Speyeria atlantis elko		x											
Carson valley silverspot	Speyeria nokomis ssp 1		x											
Unnamed ant	Stenamma wheelerorum		x											
Malheur cave amphipod	Stygobromus hubbsi		X	SSS										
Bliss rapids snail	Taylorconcha serpenticola		x											
Water mite	Thermacarus nevadensis		x											
Unnamed snail sp 5	Unnamed snail sp 5		X											

Desert valvata	Valvata utahensis		x											
Columbia gorge hesperian	Vespericola columbianus		X											
Hells Canyon land snail	Cryptomastix populi			SSS										
SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
disc Oregonian (snail)	Cryptomastix sp. Nov.			sss										
Tuscan pebblesnail	Fluminicola sp. Nov.			SSS										
Malheur pebblesnail	Fluminicola sp. Nov.			sss										
Turban pebblesnail	Fluminicola turbiniformis			sss										
Great Basin ramshorn (snail)	Helisoma (carinifex) newberryi newberryi			SSS										
Hotspring physa (snail)	Physella sp. Nov.			SSS										
Owyhee Hot springsnail	Pyrgulopsis sp. nov.			SSS										
Xl springsnail	Pyrgulopsis sp. nov.			sss										
Malheur springsnail	Pyrgulopsis sp. Nov.			sss										
Lake Abert springsnail	Pyrgulopsis sp. Nov.			sss										
Malheur Cave springtail	Oncopodura mala			sss										
Harney Hot Spring shore bug	Micranthia fennica			SSS										

Pahranagat pebblesnail	Fluminicola merriami		SSS						
Oasis Valley springsnail	Pyrgulopsis micrococcus		SSS						
Wongs springsnail	Pyrgulopsis wongi		SSS						
grated tryonia	Tryonia clathrata		SSS						
California floater	Anodonta cal		SSS						
Pahranagat naucorid bug	Pelecoris shoshone shoshone		SSS						
Crescent Dune aegialian scarab	Aegialia crescenta			SSS					
Hardy's aegialian scarab	Aegialia hardyi			SSS					
large aegialian scarab	Aegialia magnifica			SSS					
Crescent Dune aphodius scarab	Aphodius sp.			SSS					
Big Dune aphodius scarab	Aphodius sp			SSS					
Sand Mountain aphodius scarab	Aphodius sp.			SSS					
Rulien's miloderes weevil	Miloderes sp.			SSS					
Giuliani's dune scarab	Pseudocotalpa giulianii			SSS					
Sand Mountain serican scarab	Serica sp.			SSS					

Crescent Dune serican scarab	Serica sp.		SSS					
Devils Hole warm spring riffle beetle	Stenelmis calida calida		SSS					
Moapa warm spring riffle beetle	Stenelmis calida moapa		SSS					
Carson Valley wood nymph	Cercyonis pegala		SSS					
White River wood nymph	Cercyonis pegala ssp.		SSS					
Spring Mountains acastus checkerspot	Chlosyne acastus		SSS					
Baking Powder Flat blue	Euphilotes battoides ssp.		SSS					
Spring Mountains dark blue	Euphilotes enoptes ssp.		SSS					
Sand Mountain blue	Euphilotes palliscens ssp.		SSS					
Mattoni's blue	Euphilotes rita mattonii		SSS					
Mono checkerspot	Euphydryas editha monoensis		SSS					
Spring Mountains comma skipper	Hesperia comma ssp.		SSS					
Railroad Valley skipper	Hesperia uncas ssp.		SSS					
MacNeill sooty wing	Hesperopsis gracielae		SSS					

skipper									
Spring Mountains icarioides blue	Icaricia icarioides			SSS					
Nevada viceroy	Limenitis archippus lahontani			sss					
Carson Valley silverspot	Speyeria nokomis ssp.			SSS					
Nevada admiral	Limenitis weidemeyerii nevadae			SSS					
Steptoe Valley crescentspot	Phyciodes pascoensis ssp.			SSS					
Denio sandhill skipper	Polites sabuleti sinemaculata			SSS					
Grey's silverspot	Speyeria atlantis greyi	_	_	SSS			_	_	_

VASCULAR PLANTS

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	CO
pink agoseris	Agoseris lackschewitzii					SSS								
Aase's onion	Allium aaseae	X	X			SSS								
two-headed onion	Allium anceps					SSS								
Tolmie's onion	Allium tolmei persimile					SSS								
tall swamp onion	Allium validum					SSS								
meadow pussytoes	Antennaria corymbosa	X				SSS				SSS				
Gunnison milkvetch	Astragalus anisus													sss

Γ	ī	1	1	ī	1	1	l .	ſ	I	1	1	1	I	
Brandegee milkvetch	Astragalus brandegei													SSS
Cronquist milkvetch	Astragalus cronquistii													SSS
Debeque milkvetch	Astragalus debequaeus													SSS
debris milkvetch	Astragalus detritalis													SSS
Duchesne milkvetch	Astragalus duchesnensis													SSS
Starveling milkvetch	Astragalus jejunus var. jejunus					SSS								SSS
Grand Junction milkvetch	Astragalus linifolius													SSS
Skiff milkvetch	Astragalus microcymbus													SSS
Ferron milkvetch	Astragalus musiniensis													SSS
Naturita milkvetch	Astragalus naturitensis													SSS
Nelson milkvetch	Astragalus nelsonianus													SSS
Fisher Tower's milkvetch	Astragalus piscator													SSS
San Rafael milkvetch	Astragalus rafaelensis													SSS
Ripley's milkvetch	Astragalus ripleyi													SSS
sandstone milkvetch	Astragalus sesquiflorus													SSS
Challis milkvetch	Astragalus amblytropis					SSS								
Goose Creek milkvetch	Astragalus anserinus	X				SSS								
Lemhi milkvetch	Astragalus aquilonius					SSS								
mourning milkvetch	Astragalus atratus inseptus	X				SSS								

meadow milkvetch	Astragalus diversifolius			SSS					
meadow milkvetch	Astragalus leptaleus			SSS					
plains milkvetch	Astragalus gilviflorus			SSS					
park milkvetch	Astragalus leptaleus			SSS					
Mulford's milkvetch	Astragalus mulfordiae	X	SSS	SSS	SSS				
Newberry's milkvetch	Astragalus newberryi			SSS					
Picabo milkvetch	Astragalus oniciformis	X	SSS	SSS	SSS				
Payson's milkvetch	Astragalus paysonii	X		SSS					
Snake River milkvetch	Astragalus purshii var. ophiogenes*		SSS	SSS	SSS				
Trout Creek milkvetch	Astragalus salmonis*		SSS	SSS	SSS				
barren milkvetch	Astragalus cusickii var. sterilis	X		SSS					
four-wing milkvetch	Astragalus tetrapterus		SSS	SSS	SSS				
mud flat milkvetch	Astragalus yoder williamsii	X		SSS					
Rocky Mountain thistle	Cirsium perplexans								SSS
Brandegee wild buckwheat	Eriogonum brandegei								SSS
Comb Wash buckwheat	Eriogonum clavellatum								SSS
Colorado wild buckwheat	Eriogonum coloradense								SSS
grand buckwheat	Eriogonum contortum								SSS
ephedra buckwheat	Eriogonum ephedroides								SSS

1'1 1 1 1	F								
woodside buckwheat	Eriogonum tumulosum								SSS
Duchesne buckwheat	Eriogonum x duchesnense								SSS
Colorado desert parsley	Lomatium concinnum								SSS
wideleaf bisquitroot	Lomatium latilobum								SSS
Degener beardtongue	Penstemon degeneri								sss
Gibbin's penstemon	Penstemon gibbensii								SSS
Harrington beardtongue	Penstemon harringtonii								sss
King's desertgrass	Blepharidachne kingii			SSS					
blue gramma	Bouteloua gracilis			SSS					
green-band mariposa lily	Maculosus			SSS					
broad-fruit mariposa lily	Calochortus nitidus	X		SSS					
Cusick's camas	Camassia cusickii			SSS					
Palmer's evening primrose	Camissonia palmeri		sss	SSS	sss				
winged-seed evening primrose	Camissonia pterosperma			SSS					
Cusick's false yarrow	Chaenactis cusickii	X		SSS					
desert pincushion	Chaenactis stevioides			SSS					
dwarf gray rabbitbrush	Chrysothamnus nauseosus nanus			SSS					
centennial rabbitbrush	Chrysothamnus parryi montanus	X		sss					

bulb-bearing waterhemlock	Cicuta bulbifera			SSS					
flat-seeded cleomella	Cleomella plocasperma			SSS					
cushion cactus	Coryphantha vivipara			SSS					
Idaho hawksbeard	Crepis bakeri ssp. idahoensis			SSS					
tufted cryptantha	Cryptantha caespitosa			SSS					
sepal-tooth dodder	Cuscuta denticulata			SSS					
Greeley's wavewing	Cumopterus acaulis greeleyorum	X		SSS					
Ibapah wavewing	Cymopterus ibapensi		SSS	SSS	SSS				
Dermatocarpon	Dermatocarpon lorenzianum			SSS					
Dimeresia	Dimeresia			SSS					
Bacigalupi's downingia	Downingia bacigalupii			SSS					
Yellowstone draba	Draba incerta			SSS					
white eatonella	Eatonella nivea			SSS	ss				
swamp willow-weed	Epilobium palustre			SSS					
Welsh's buckwheat	Eriogonum capistratum var. welshii			SSS					
desert buckwheat	Eriogonum desertorum			SSS					
calcareous buckwheat	Eriogonum ochrocephalum calcareum			SSS					

Packard's cowpie buckwheat	Eriogonum shockleyi packardiae			SSS					
matted cowpie buckwheat	Eriogonum shockleyi shockleyi			SSS					
white-margined wax plant	Glyptopleura marginata			SSS					
Cronquist's stickseed	Hackelia cronquistii	X	sss	SSS	sss				
sticky goldenweed	Pyrrocoma lucida			SSS					
bugleg goldenweed	Haplopappus insecticruris	X		SSS					
Palouse goldenweed	Haplopappus liatriformis	X		sss					
Snake River goldenweed	Pyrrocoma radiatus	X		sss					
Richardson's bitterweed	Hymenoxys richardsonii			SSS					
Large Canadian St. John's- wort	Hypericum majus			SSS					
spreading gilia	Ipomopsis polycladon			sss					
Davis' peppergrass	Lepidium davisii	X		sss					
slick-spot peppergrass	Lepidium papilliferum	X		sss					
southern mudwort	Limoselia acualis			sss					
salmon-flower desert parsley	Lomatium salmoniflorum			SSS					
marsh felwort	Lomatogonium rotatum			SSS					
inch-high lupine	Lupinus uncialis			SSS					

fringed waterplantain	Machaero carpus californicus			SSS				
bank monkey flower	Mimulus clivicola	X		sss				
rigid threadstem	Nemacladus rigidus			SSS				
Challis crazyweed	Oxytropis besseyi salmonensis			SSS				
Simpson's hedgehog cactus	Pediocactus simpsonii robustior			SSS				
Idaho penstemon	Penstemon idahoensis	X		SSS				
Janish's penstemon	Penstemon janishiae			SSS				
squaw apple	Peraphyllum ramosissimum			SSS				
spine-noded milkvetch	Peteria thompsoniae			SSS				
obscure phacelia	Phacelia inconspicua	X		SSS				
Kelsey's phlox	Phlox kelseyi			SSS				
small-flowered ricegrass	Piptatherum micranthum			SSS				
alkali primrose	Primula alcalina	x		SSS				
slender wooly-heads	Psilocarphus tenellus			SSS				
hoary willow	Salix candida			SSS				
Sierra sanicle	Sanicula graveolens			SSS				
dwarf skullcap	Scutellaria nana			SSS				
Spalding's silene	Silene spaldingii	X		SSS				
cinquefoil tansy	Sphaeromeria potentilloides			SSS				

tall dropseed	Sporobolus asper				SSS					
perennial princesplume	Stanleya confertiflora	X			SSS					
green needlegrass	Nassella viridula	1			SSS					
stylocline	Stylocline filaginea				SSS					
purple thick-leaved thelypody	Thelypodium laciniatum streptanthoides				SSS					
wavy-leaf thelypody	Thelypodium repandum	X			SSS					
scapose townsendia	Townsendia scapigera				SSS					
purple milkvetch	Astragalus agrestis								SSS	
Astragalus anxius	Astragalus anxius								SSS	
silverleaf milkvetch	Astragalus argophyllus var. argophyllus								SSS	
Geyer's milkvetch	Astragalus geyeri var. geyeri					SSS			SSS	
Ame's milkvetch	Astragalus pulsiferae var. suksdorfi								SSS	
Tiehmi's milkvetch	Astragalus tiehmii								SSS	
Schoolcraft's catseye	Cryptantha schoolcraftii			SSS					SSS	
Blue Mountain prairieclover	Dalea ornata								SSS	
Crosby's buckwheat	Eriogonum crosbyae								SSS	

prostrate buckwheat	Eriogonum prociduum							SSS
Castle Lake bedstraw	Galium glabrescens							sss
Intermountain bedstraw	Galium serpenticum							sss
Bogg's Lake hedgehyssop	Gratiola heterosepala							sss
Sierra Valley mousetail	Ivesia aperta var. canina							SSS
Ash Creek mousetail	Ivesia paniculata							SSS
grimy mousetail	Ivesia rhypara							sss
Plumas mousetail	Ivesia sericoleuca							sss
wire moustetail	Ivesia webberi							sss
spreading pygmyleaf	Loeflinga squarrosa var. squarrosa							SSS
Egg Lake monkey flower	Mimulus pygmaeus							sss
little ricegrass	Oryzopsis exigua							sss
dwarf louse wort	Pedicularis centranthera							sss
mesamint	Pogogyne floribunda							SSS
polygala knotweed	Polygonum polugaloides							SSS
Soldier Meadow cinquefoil	Potentilla basaltica							SSS
Columbian yellowcress	Rorippa columbiae		SSS		sss			SSS
Homgren's skullcap	Scutellaria holmgreniorum							SSS
wooly mock goldenweed	Stenotus lanuginosus							SSS

constricted Douglas' onion	Allium constrictum			SS				
Palouse milkvetch	Astragalus arrectus			SS				
Columbia milkvetch	Astragalus succumbens			st				
least bladdery milkvetch	Astragalus microcystis			SS				
pauper milkvetch	Astragalus misellus var. pauper			SS				
Whited's milkvetch	Astragalus sinuatus			se				
long-bearded sego lily	Calochortus longebarbatus			ss				
gray cryptantha	Cryptantha leucophaea			SS				
beaked cryptantha	Cryptantha rostellata			SS				
Wenatchee larkspur	Delphinium viridescens			se				
giant helleborine	Epipactis gigantea			SS				
basalt daisy	Erigeron basalticus			st				
Piper's daisy	Erigeron Piperianus			SS				
sagebrush stickseed	Hackelia diffusa var. arida			SS				
longsepal globemallow	Iliamna longisepala			SS				
Nuttall's guillwort	Isoetes nuttallii			SS				
southern mudwort	Limosella acaulis			SS				
false-pimpernel	Lindernia dubia var. anagellidea			SS				
Kalm's lobelia	Lobelia kalmii			se				

Hoover's desert-parsley	Lomatium tuberosum		st	1			
Suksdorf's monkey-flower	Mimulus suksdorfii		SS				
coyote tobacco	Nicotiana attenuata		SS				
desert evening-primrose	Oenothera primiveris		SS				
long-tubed evening- primrose	Oenothera flava		x				
Henderson's ricegrass	Achnatherum hendersonii (=Oryzopsis hendersonii)		SS				
wanapum crazyweed	Oxytropis campestris var. wanapum		st				
bristly combseed	Pectocarya setosa		ss				
Chelan rockmat	Petrophytum cinerascens		st				
sticky phacelia	Phacelia lenta		st				
Washington polemonium	Polemonium pectinatum		se				
Austin's knotweed	Polygonum austiniae		ss				
persistentsepal yellowcress	Rorippa calycina		se		sss	SSS	
Oregon checker-mallow	Sidalcea oregana var. calva		se				
Spalding's silene	Silene spaldingii		se				
Hoover's tauschia	Tauschia hooveri		st				
woodsage	Teucrium canadense ssp. viscidum		SS				

Thompson's clover	Trifolium thompsonii			st					
Grouse Creek rockcress	Arabis falcatoria					SSS			
Goose Creek milkvetch	Astragalus anserinus					SSS			
Astragalus equisolensis	Astragalus equisolensis					SSS			
egg milkvetch	Astragalus oophorus					SSS			
Ownbey's thistle	Circium owenbyi					SSS	SSS		
Frisco buckwheat	Eriogonum soredium					SSS			
western sweetvetch	Hedysarum occidentale					SSS			
Hymenoxys depressa	Hymenoxys depressa					SSS			
Dolores River skeletonplant	Lygodesmia doloresensis					SSS			
manystem blazingstar	Mentzelia multicaulis var. librina					SSS			
stemless beardtongue	Penstemon acaulis					SSS	SSS		
broadbeard beardtongue	Penstemon angustifolius					SSS			
Tunnel Springs beardtongue	Penstemon concinnus					SSS			
Aquarius Plateau beardtongue	Penstemon parvus					SSS			
Ward's beardtongue	Penstemon wardii					SSS			
beautiful gilia	Gilia formosa				SSS				

DI 1' (Т			1	1	1			I	1	I
Phacelia (sp. nov.)							SSS				
Aztec gilia	Gila formosa						SSS				
Bisti fleabane	Erigeron bistiensis						SSS				
gypsum townsendia	Towsendia gypsophila						SSS				
Mesa Verde cactus	Sclerocactus mesae-verdae						SSS				
Ute Ladies'-Tresses	Spiranthes diluvialis		SSS	Т		SSS		T			
Colorado Butterfly Plant	Gaura neomexicana ssp. coloradensis							SSS			
Desert Yellowhead	Yermo xanthocephalus							SSS			
Small Rock Cress	Arabis pusilla							SSS			
Mystery Wormwood	Artemisia biennis var. diffusa							SSS			
Porter's Sagebrush	Artemisia porteri							SSS			
Dubois Milkvetch	Astragalus gilviflorus var. purpureous							SSS			
Hyattville Milkvetch	Astragalus jejunus var. articulatus							SSS			
Precocious Milkvetch	Astragalus proimanthus							SSS			
Cedar Rim Thistle	Cirsium aridum							SSS			
Many-stemmed Spider- flower	Cleome multicaulis							SSS			
Owl Creek Miner's Candle	Crxptantha subcopitata							SSS			

Wyoming Tansymustard	Desucrania torulosa					SSS		
Haplopapus wardii	Haplopappus wardii					SSS		
Ward's Goldenweed	Haplopappus wardii					SSS		
Sidesaddle Bladderpod	Lesquerella arinosa var. argillousa					SSS		
Fremont Bladderpod	Lesquerella fremontii					SSS		
Large-fruited Bladderpod	Lesquerella macrocarpa					SSS		
Western Bladderpod	Lesquerella occidentalis					SSS		
Prostrate Bladderpod	Lesquerella prostrata					SSS		
Absaroka Beardtongue	Penstemon absarokensis					SSS		
Gibben's Beardtongue	Penstemon gibbensii					SSS		
Beaver Rim Phlox	Phlox pungens					SSS		
Dorn's Twinpod	Physaria dornii					SSS		
Shoshonea	Shoshonea pulvinata					SSS	sss	
Laramie False Sagebrush	Spaeromeria simplex					sss		
Rock Springs Greenthread	Thelesperma cespitosum					SSS		
Uinta Greenthread	Thelesperma pubescens				_	SSS		
Cedar Mtn. Easter Daisy	Townsendia microcephala					SSS		
Barneby's Clover	Trifolium barnebyi					SSS		

		1	 	1	ı	ı		1	ı	ı
sapphire rockcress	Arabis fecunda							SSS		
Barr's milkvetch	Astragalus barrii							SSS		
Bitterroot milkvetch	Astragalus scaphoides							SSS		
rabbit wild buckwheat	Eriogonum lagopus							SSS		
Howell's gumweed	Grindelia howellii							SSS		
Garnet bladderpod	Lesquerella carinata var. languida							sss		
Cary's beardtongue	Penstemon caryi							SSS		
Lemhi beardtongue	Penstemon lemhiensis							SSS		
Ash Meadows milkvetch	Astragalus phoenix		Т							
spring-loving centaury	Centaurium namophilum		Т							
Ash Meadows sunray	Enciliopsis nudicaulis var. corrugata		Т							
Steamboat buckwheat	Eriogonum ovalifolium var. williamsiae		Е							
Ash Meadows gumplant	Grindelia fraxino-pratensis		Т							
Ash Meadows ivesia	Ivesia kingii var. eremica		Т							
Ash Meadows blazingstar	Mentzelia leucophylla		Т							
Amargosa niterwort	Nitrophila mohavensis		Е							
Sodaville milkvetch	Astragalus lentiginosus var. sesquimentralis		SSS							

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
Sulphur Springs buckwheat	Eriogonum argophyllum				SSS									
Lewis buckwheat	Eriogonum lewisii				SSS									
Clokey eggvetch	Astragalus oophorus var. clokeyanus				SSS									
California bear poppy	Arctomecon californica				SSS									
Beatley milkvetch	Astragalus beatleyae				SSS									
threecorner milkvetch	Astragalus geyeri var. triquetrus				SSS									
halfring milkvetch	Astragalus mohavensis var. hemigyrus				SSS									
Osgood Mountains milkvetch	Astragalus yoder-williamsii				SSS									
Monte Neva paintbrush	Castilleja salsuginosa				SSS									
unusual catseye	Cryptantha insolita				SSS									
sticky buckwheat	Eriogonum viscidulum				SSS									
Sunnyside green gentian	Frasera gypsicola				SSS									
obscure scorpion plant	Phacelia inconspicua				SSS									
Williams combleaf	Polyctenium williamsiae				SSS									
Ruby Mountain primrose	Primula capillaris				SSS									

_			· ·		,	1	1	T		
rough angelica	Angelica scabrida			SSS						
meadow pussytoes	Antennaria arcuata			SSS						
Bodie Hills rockcress	Arabis bodiensis			SSS						
Grouse Creek rockcress	Arabis falcatoria			SSS						
Elko rockcress	Arabis falcifructa			SSS						
Ophir rockcress	Arabis ophira			SSS						
white bearpoppy	Arctomecon merriamii			SSS						
Eastwood milkweed	Asclepias eastwoodiana			SSS						
Clokey milkvetch	Astragalus aequalis			SSS						
Sheep Mountain milkvetch	Astragalus amphioxys var. musimonum			SSS						
Goose Creek milkvetch	Astragalus anserinus			v						
Needle Mountains milkvetch	Astragalus eurylobus			SSS						
Gilman milkvetch	Astragalus gilmanii			sss						
Inyo milkvetch	Astragalus inyoensis			SSS						
Mokiak milkvetch	Astragalus mokiacensis			SSS						
Lavin eggvetch	Astragalus oophorus var. lavinii			SSS						

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
long-calyx eggvetch	Astragalus oophorus var. lonchocalyx				SSS									
Spring Mountain milkvetch	Astragalus remotus				SSS									
Lamoille Canyon milkvetch	Astragalus robbinsii var. occidentalis				SSS									
lonesome milkvetch	Astragalus solitarius				sss									
Tiehm milkvetch	Astragalus tiehmii				sss									
Toquima milkvetch	Astragalus toquimanus				sss									
Currant milkvetch	Astragalus uncialis				sss									
dainty moonwort	Botrychium crenulatum				sss									
alkali mariposa lily	Calochortus striatus				sss									
Cane Spring evening- primrose	Camissonia megalantha				SSS									
remote rabbitbrush	Chrysothamnus eremobius				sss									
Barren Valley collomia	Collomia renacta				sss									
Tecopa birdsbeak	Cordylanthus tecopensis				SSS									
White River catseye	Cryptantha welshii				SSS									
Bodie Hills draba	Cusickiella quadricostata				SSS									

Goodrich biscuitroot	Cymopterus goodrichii			SSS					
sanicle biscuitroot	Cymopterus ripleyi var. saniculoides			SSS					
Gold Butte moss	Didymodon nevadensis			SSS					
silver leaf sunray	Enceliopsis argophylla			SSS					
Nevada willowherb	Epilobium nevadense			sss					
broad fleabane	Erigeron latus			sss					
sheep fleabane	Erigeron ovinus			sss					
windloving buckwheat	Eriogonum anemophilum			SSS					
Pahrump Valley buckwheat	Eriogonum bifurcatum			SSS					
golden buckwheat	Eriogonum chrysops		SSS	sss	SSS				
Crosby's buckwheat	Eriogonum crosbyae	X	SSS	sss	SSS				
Clokey buckwheat	Eriogonum heermannii var. clokeyi			SSS					
Lewis buckwheat	Eriogonum lewisii			sss					
prostrate buckwheat	Eriogonum prociduum		SSS	sss	SSS				
altered andesite buckwheat	Eriogonum robustum			SSS		 		 	
Tiehm buckwheat	Eriogonum tiehmii			SSS	_				
Pahute green gentian	Frasera pahutensis			sss	_				

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	CO
Kingston bedstraw	Galium hilendiae ssp. kingstonense				SSS									
smooth dwarf greasebush	Glossopetalon pungens var. glabra				SSS									
dwarf greasebush	Glossopetalon pungens var. pungens				SSS									
Lone Mountain tonestus	Haplopappus graniticus				sss									
Red Rock Canyon aster	Ionactis caelestis				sss									
Sierra Valley ivesia	Ivesia aperta var. aperta				sss									
rock purpusia	Ivesia arizonica var. saxosa				sss									
Jaeger ivesia	Ivesia jaegeri				sss									
grimy ivesia	Ivesia rhypara rhypara	X		SSS	sss		sss							
Webber ivesia	Ivesia webberi				sss									
waxflower	Jamesia tetrapetala				sss									
Grimes vetchling	Lathyrus grimesii				SSS									
Bruneau River prickly phlox	Leptodactylon glabrum				SSS									
Clark parsley	Lomatium graveolens var. clarkii				SSS									
Holmgren lupine	Lupinus holmgrenanus				sss									

smooth stickleaf	Mentzelia mollis		000					
smooth sticklear	ментгена тошѕ		SSS					
Packard stickleaf	Mentzelia packardiae		SSS					
oryctes	Oryctes nevadensis		SSS					
white-margined beardtongue	Penstemon albomarginatus		SSS					
Nevada dune beardtongue	Penstemon arenarius		SSS					
yellow twotone beardtongue	Penstemon bicolor ssp. bicolor		SSS					
Tunne Springs beardtongue	Penstemon concinnus		SSS					
Cordelia beardtongue	Penstemon floribundus		SSS					
Death Valley beardtongue	Penstemon fruticiformis ssp. amargosae		SSS					
Pahute Mesa beardtongue	Penstemon pahutensis		SSS					
bashful beardtongue	Penstemon pudicus		SSS					
Beatley scorpion plant	Phacelia beatleyae		SSS					
least phacelia	Phacelia minutissima		SSS					
Mono phacelia	Phacelia monoensis		SSS					
Parish phacelia	Phacelia parishii		SSS					
crowded combleaf	Polyctenium fremontii var. confertum		SSS					

pygmy poreleaf	Porophyllum pygmaeum			SSS					
Soldier Meadows cinquefoil	Potentilla basaltica			SSS					
Cottam cinquefoil	Potentilla cottamii			SSS					
Clokey mountain sage	Salvia dorrii var. clokeyi			SSS					
Blaine pincushion	Sclerocactus blainei			SSS					
Nye pincushion	Sclerocactus nyensis			SSS					
Schlesser pincushion	Sclerocactus schlesseri			SSS					
Jan's catchfly	Silene nachlingerae			sss					
Jones globemallow	Sphaeralcea caespitosa			SSS					
Tiehm stroganowia	Stroganowia tiehmii			SSS					
Charleston grounddaisy	Townsendia jonesii var. tumulosa			SSS					
Currant Summit clover	Trifolium andinum var. podocephalum			SSS					
Leiberg clover	Trifolium leibergii			SSS					
rock violet	Viola lithion			SSS					
?	Achnatherum hendersonii	X							
?	Achnatherum wallowanensis	X							
Malheur Valley fiddleneck	Amsinckia carinata	X	sss		SSS				
Mt. Sapphire rockcress	Arabis fecunda	X							

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
Packard's artemisia	Artemisia packardiae	X		SSS			SSS							
fuzzy sagebrush	Artemisia papposa	X		SSS			SSS							
South Fork John Day milkvetch	Astragalus diaphanus diurnus	X		SSS			SSS							
milkvetch	Astragalus diaphanus diaphanus	X		sss			SSS							
Peck's milkvetch	Astragalus peckii	X												
bastard kentrophyta	Astragalus tegetarioides	s		sss			SSS							
Tygh Valley milkvetch	Astragalus tyghensis	X		sss			SSS							
Osgood Mountain milkvetch	Astragalus yoder-williamsii	X												
Greentinge indian	Castilleja chlorotica	X												
Cusick's chaenactis paintbrush	Chaenactis cusickii	X		SSS			SSS							
Cusick's buckwheat	Eriogonum cusickii	X		SSS			SSS							
?	Haplopappus liatriformis	X												
?	Haplopappus radiatus	X												
Shelly's ivesia	Ivesia rhypara shellyi	X		SSS			SSS							
Shockley's ivesia	Ivesia shockleyi	X		SSS			SSS							
Bladderpod	Lesquerella carinata var. languida	X												

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
Payson's bladderpod	Lesquerella paysonii	Х												
?	Lomatium ochocense	X												
Smooth mentzelia	Mentzelia mollis	X		SSS			SSS							
Packard's mentzelia	Mentzelia packardiae	X		SSS			SSS							
?	Penstemon glaucinus	X												
biennial stanleya	Stanleya confertiflora	X		sss			SSS							
?	Stephanomeria malheurensis	X												
arrow-leaf thelypody	Thelypodium eucosmum	X		sss			sss							
Howell's thelypody	Thelypodium howellii howelli	X		sss			sss							
Howell's spectacular thelypody	Thelypodium howellii spectabilis	X		SSS			SSS							
?	Thelypodium paniculatum	X												
?	Thelypodium repandum	X												
?	Trifolium douglasii	X												
Owyhee clover	Trifolium owyheense	X		sss			sss							
?	Trifolium thompsonii	X												
Desert needlegrass	Achnatherum speciosum			sss			sss							
Cusick's giant-hyssop	Agastache cusickii			SSS			SSS							

Iodine bush	Allenrolfea occidentalis	SSS		SSS				
Two-stemmed onion	Allium bisceptrum	SSS		SSS				
King snapdragon	Antirrhinum kingii	SSS		SSS				
Prickly-poppy	Argemone munita rotundata	SSS		SSS				
Estes' artemisia	Artemisia ludoviciana estesii	SSS		SSS				
Alvord milkvetch	Astragalus alvordensis	SSS		SSS				
Owyhee milkvetch	Astragalus atratus owyheensis	SSS		SSS				
King's rattleweed	Astragalus calycosus	SSS		SSS				
Sterile milkvetch	Astragalus sterilis	SSS		SSS				
Texas bergia	Bergia texana	SSS		SSS				
Porcupine sedge	Carex hystericina	SSS		SSS				
Inverted pale paintbrush	Castilleja pallescens inverta	SSS		SSS				
Steens Mountain Paintbrush	Castilleja pilosa steenensis	SSS		SSS				
Thick-stemmed wild cabbage	Caulanthus crassicaulis	SSS		SSS				
Wild cabbage	Caulanthus major nevadensis	SSS		SSS				
Hairy wild cabbage	Caulanthus pilosus	SSS		SSS				
Large-flowered chaenactis	Chaenactis macrantha	SSS		SSS				
Broad-flowered pincushion	Chaenactis stevioides	SSS		SSS				

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	CO
Desert chaenactis	Chaenactis xantiana			sss			sss							
Bristle-flowered collomia	Collomia macrocalyx			sss			sss							
Barren valley collomia	Collomia renacta			sss			SSS							
Low hawkseed	Crepis modocensis modocensis			SSS			SSS							
Low cryptantha	Cryptantha humilis			sss			SSS							
Malheur cryptantha	Cryptantha propria			sss			SSS							
Snake river cryptantha	Cryptantha spiculifera			sss			SSS							
Greeley's cymopterus	Cymopterus acaulis greeleyorum			SSS			sss							
Umtanum desert buckwheat	Eriogonum codium			SSS			SSS							
Ochre-flowered buckwheat	Eriogonum ochrocephalum calcareum			SSS			SSS							
Playa buckwheat	Eriogonum salicornioides			SSS			sss							
Three forks stickseed	Hackelia ophiobia			SSS			sss							
Salt heliotrope	Heliotropium curassavicum			SSS			sss							
Water howellia	Howellia aquatilis			SSS			sss							
Cooper's hymenoxys	Hymenoxys cooperi canescens			SSS			sss							
Great basin langloisia	Langloisia setosissima punctata			sss			sss							
Davis' peppergrass	Lepidium davisii			SSS			SSS							

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
Hazel's prickly-phlox	Leptodactylon pungens hazeliae			sss			SSS							
Packard's lomatium	Lomatium packardiae			sss			SSS							
Rose's lomatium	Lomatium roseanum			SSS			SSS							
Biddle's lupine	Lupinus biddlei			SSS			SSS							
Cusick's lupine	Lupinus cusickii			SSS			SSS							
Rush-like skeletonweed	Lygodesmia juncea			SSS			SSS							
Smooth malacothrix	Malacothrix glabrata			SSS			SSS							
Torrey's malacothrix	Malacothrix torreyi			SSS			SSS							
Nodding melic	Melica stricta			SSS			SSS							
Smooth mentzelia	Mentzelia mollis			SSS			SSS							
Packard's mentzelia	Mentzelia packardiae			SSS			SSS							
Bigelow's four-o'clock	Mirabilis bigelovii retrorsa			SSS			SSS							
Macfarlane's four o'clock	Mirabilis macfarlanei			SSS			SSS							
Annual dropseed	Muhlenbergia minutissima			SSS			SSS							
White locoweed	Oxytropis sericea sericea			SSS			SSS							
Bristly combseed	Pectocarya setosa			SSS			SSS							
Simpson hedgehog cactus	Pediocactus simpsonii robustior			SSS			SSS							
Hot-rock beardtongue	Penstemon deustus variabilis			SSS			SSS							

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
Antelope valley beardtongue	Penstemon janishiae			SSS			SSS							
King's beardtongue	Penstemon kingii			SSS			SSS							
Minidoka beardtongue	Penstemon perpulcher			SSS			SSS							
Short-lobe penstemon	Penstemon seorsus			SSS			SSS							
Naked-stemmed phacelia	Phacelia gymnoclada			SSS			SSS							
Playa phacelia	Phacelia inundata			SSS			SSS							
Mackenzie's phacelia	Phacelia lutea mackenzieorum			sss			sss							
Chambers' twinpod	Physaria chambersii			SSS			sss							
Hairy-foot plantain	Plantago eriopoda			SSS			SSS							
Silvies valley desert combleaf	Polyctenium fremontii bisulcatum			sss			SSS							
Desert combleaf	Polyctenium fremontii confertum			sss			sss							
Narrowleaved cottonwood	Populus angustifolia			SSS			SSS							
Snake river goldenweed	Pyrrocoma radiata			SSS			SSS							
California chicory	Rafinesquia californica			SSS			SSS							
Bartonberry	Rubus bartonianus			sss			SSS							
Ertter's ragwort	Senecio erttera			sss			sss							
Verrucose sea-purslane	Sesuvium verrucosum			SSS			SSS							

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	CO
Biennial stanleya	Stanleya confertiflora			sss			SSS							
Malheur wire-lettuce	Stephanomeria malheurensis			sss			SSS							
Malheur stylocline	Stylocline psilocarphoides			sss			SSS							
Long-flowered snowberry	Symphoricarpos longiflorus			sss			SSS							
Woodsage	Teucrium canadense viscidum			sss			SSS							
Arrow-leaf thelypody	Thelypodium eucosmum			sss			SSS							_
Leiberg's clover	Trifolium leibergii			sss			SSS							_

NON-VASCULAR PLANTS

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	СО
coral lichen	Aspicilia fruticulosa					SSS								
wovenspore lichen	Texosporium sancti-jacobi					SSS								
Wovenspore lichen	Texosporium sancti-jacobi	X												
?	Tortula bartramii	X												